Table 3a Maximum likelihood estimates (MLE) of the Cobb-Douglas stochastic profit frontier

Variable	Parameters	Coefficients	Standard error	t-ratios
General model				
Constant	β_0	0.491***	0.188	2.617
Price of labour (₦)	β_1	-0.269**	0.106	2.54
Price of fingerlings (₦)	β_2	-0.679***	0.158	4.282
Price of fertilizer (₦)	β_3	-0.218***	0.0205	10.63
Price of feeds (₦)	β_4	-0.021**	0.015	1.997
Price of medications (₦)	β_5	-0.339^{NS}	0.295	1.150
Price of lime (₦)	β_6	-0.012^{NS}	0.013	0.923
Capital depreciation cost (₦)	β_7	-0.190***	0.016	11.78
Pond size (ha)	β_8	1.047***	0.047	22.28
Diagnostic statistic				
Sigma-square $\sigma^2 = \sigma^2 v + \sigma^2 u$		0.575***	0.0389	14.782
Gamma $\gamma = \sigma^2 u / \sigma^2 v + \sigma^2 u$		0.488***	0.125	2.504
Log likelihood function (llf)		11.848		

Note: Source: Computer print-out of FRONTIER 4.1